IP Link® Device Interface Communication Sheet

This document provides additional assistance with wiring your Extron IP Link enabled product to your device. Different components may require a different wiring scheme than those listed below.

For complete operating instructions, refer to the user's manual for the specific Extron IP Link enabled product or the controlled device manufacturer supplied documentation.

Device Specifications:

Device Type:	Display
Manufacturer:	Sharp
Firmware Version:	N/A
Model(s):	LC-65G5X

Version History:

Driver Version	Date	IP Link Compiler	GC Version	Notes
1	3/22/2011	1.4.0	3.0.4	Initial version.

Driver Notes:

This display is meant to be used with the TU-65GAX. The driver controls the AVC unit.

Control Commands & States:

Aspect Ratio	Normal (AV)	Zoom	Panorama
	Full (AV)	Cinema 16:9	Cinema 14:9
	Normal (PC)	Cinema	Full (PC)
	Dot by Dot	Toggle	
Audio Mute	On	Off	Toggle
Channel TV (Discrete)	1-99		
Channel TV (Step)	Up	Down	
Input	TV	Card	Input 1 CVBS
	Input 1 RGB	Input 2 CVBS	Input 2 Y/C
	Input 3 CVBS	Input 3 Y/C	Input 3 RGB
	Input 3 Component	Input 4 Auto	Input 4 S-Video
	Input 4 Video	Digital PC Analog PC	Digital AV
	Analog AV	Toggle	
Power Control	On	Off	
Volume (Discrete)	0 to 60 in steps of 1		

Status Available:

Aspect Ratio	Normal (AV)	Zoom	Panorama
	Full (AV)	Cinema 16:9	Cinema 14:9
	Normal (PC)	Cinema	Full (PC)
	Dot by Dot		
Audio Mute	On	Off	Toggle
Connection Status	Connected	Disconnected	
Input	Input 1 CVBS	Input 1 RGB	Input 2 CVBS
	Input 2 Y/C	Input 3 CVBS	Input 3 Y/C
	Input 3 RGB	Input 3 Component	Input 4 Auto
	Input 4 S-Video	Input 4 Video	Digital PC
	Analog PC	Digital AV	Analog AV
Power Control	On	Off	
Volume (Discrete)	0 to 60 in steps of 1		

MLC62 Supported Commands:

Aspect Ratio	Normal (AV)	Zoom	Panorama
	Full (AV)	Cinema 16:9	Cinema 14:9
	Normal (PC)	Cinema	Full (PC)
	Dot by Dot	Toggle	
Audio Mute	On	Off	Toggle
Channel TV (Discrete)	1-99		
Channel TV (Step)	Up	Down	
Input	Toggle	TV	Card
	Input 1 CVBS	Input 1 RGB	Input 2 CVBS
	Input 2 Y/C	Input 3 CVBS	Input 3 Y/C
	Input 3 RGB	Input 3 Component	Input 4 Auto
	Input 4 S-Video	Input 4 Video	Digital PC
	Analog PC	Digital AV	Analog AV
Power Control	On	Off	
Volume (Discrete)	0 to 60 in steps of 1		

Cable and Adapter Requirements:

F/F RS-232 Null Modem Serial Cable

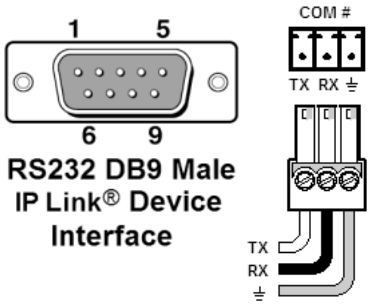
Notes for the Device:

The display must be used with the TU-65GAX in order to function with this driver.

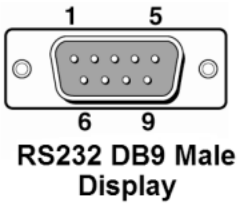
Serial communication:

Port Type:	RS-232	**Parity:**	None
Baud Rate:	9600	**Stop Bits:**	1
Data Bits:	8	**Flow Control:**	None

Pin Assignments Diagram:



Signal	Pin	Main Cable	Pin	Signal
RxD	2		2	RxD
TxD	3		3	TxD
GND	5		5	GND



Note: Captive screw connector may also be used as a serial connection.

General Notes: